

I am an open source developer and I wish to take advantage of new opportunities for open source-based wireless networking.

It is essential that unlicensed spectrum be made available for non-commercial use to foster the incubation of new and innovative ideas in communication. Not doing so will raise the bar for admission so that only monied interests will be able to take part, eliminating this creative potential by withholding a resource vital to its existence.

The Internet is an engine for innovative ideas precisely because it does not place restrictions on who may participate, or require that only licensed players may sit down at the table. As a result, the basis for multi-million dollar industries including Linux were born from the many initially unfunded and volunteer-driven efforts this made possible.

Grid networks are the internet of the electromagnetic spectrum. To foster innovation and competition, it is essential that unlicensed spectrum be made available in the 3650-3700MHz band. As community-driven projects are in large part the origin of much innovation, consideration must also be given to low-power applications.

The assumption that high-power long-range broadband is the most effective business use of spectrum is just that - an assumption. In addition, there is already plenty of spectrum licensed for this use. Fostering diversity requires that alternative uses must be also be given an opportunity. Contrary to the idea that requiring a license will encourage efficient use of the 3650-3700MHz band, fostering of new and innovative applications though unlicensed spectrum is the most effective and established way to encourage efficient use of any scarce resource -- through competitive pressure.

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